

Converting Colors

$Y_{xy}(74.4276, 0.3753, 0.3819)$

Have a look what the booklet for
Yxy(74.4276, 0.3753, 0.3819)
contains.

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Color

Yxy(74.5610, 0.3750, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	FEDBA8
RGB	254, 219, 168
RGB Percent	100%, 86%, 66%
CMY	0.0039, 0.1412, 0.3413
CMYK	0.00, 0.14, 0.34, 0.00
HSL	36°, 98%, 83%
HSV	36°, 34%, 100%
XYZ	73.2714, 74.5610, 47.5580
YIQ	223.6510, 37.2310, -8.4410

Conversions

Conversions Part 2

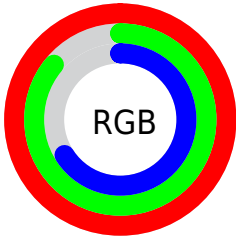
Format	Color
RYB	227, 254, 168
Decimal	16702376
CIELab	89.19, 5.07, 29.61
CIElCh	89, 30.041, 80.287
Yxy	74.5610, 0.3750, 0.3816
Android (android.graphics.Color)	4294892456 (0xFFFEDBA8)
YUV	223.6510, -27.4359, 26.6161
Hunter-Lab	86.3487, 0.3564, 27.7891

Details

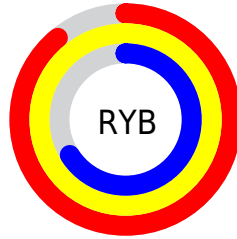
The Yxy color **74.5610, 0.3750, 0.3816** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.1728, 0.2568, 0.2698**, and the grayscale version is **74.4594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **39.5476, 0.3887, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **68.4833, 0.3974, 0.3972**, and if you desaturate by 10%, it is **81.1652, 0.3543, 0.3656**.

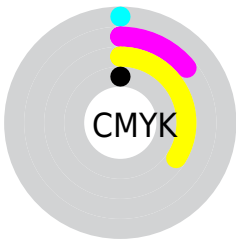
Distribution



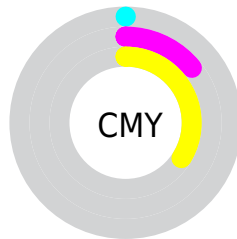
- Red (100%)
- Green (86%)
- Blue (66%)



- Red (89%)
- Yellow (100%)
- Blue (66%)



- Cyan (0%)
- Magenta (14%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5610, 0.3750, 0.3816 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 74.5610, 0.3750, 0.3816 by changing the saturation by 10% instead.


 74.5610, 0.3750,
0.3816


 74.5610, 0.3750,
0.3816


476.4073, 0.3464,
0.3579

 55.2533, 0.3814,
0.3868


 125.6907, 0.3652,
0.3736

 39.6046, 0.3892,
0.3930


 158.2816, 0.3613,
0.3704

 27.2304, 0.3990,
0.4007


196.0690, 0.3580,
0.3676

 17.7463, 0.4114,
0.4102


239.4372, 0.3551,
0.3652

 10.7680, 0.4275,
0.4222

288.7708, 0.3525,
0.3631

 5.9111, 0.4491,
0.4374

344.4541, 0.3502,

 2.7911, 0.4911,

0.3612

0.4682

406.8715, 0.3482,
0.3595

■ 1.0237, 0.5215,
0.4785

■ 0.0000, 1.0000,
0.0000

■ 74.5610, 0.3750,
0.3816

■ 74.5610, 0.3750,
0.3816

■ 68.4833, 0.3974,
0.3972

■ 81.1652, 0.3543,
0.3656

■ 62.9049, 0.4210,
0.4114

■ 88.3013, 0.3355,
0.3498

■ 57.8110, 0.4449,
0.4232

■ 95.9877, 0.3187,
0.3346

■ 53.1820, 0.4680,
0.4312

99.8120, 0.3121,
0.3290

■ 48.9956, 0.4890,
0.4344

■ 45.2261, 0.5066,
0.4321

■ 43.1029, 0.5159,
0.4286

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.5610, 0.3845, 0.3572



74.5610, 0.3750, 0.3816



74.5610, 0.3487, 0.3933

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5610, 0.3750, 0.3816



74.5610, 0.2553, 0.3256



74.5610, 0.3086, 0.2797

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.5610, 0.3750, 0.3816



58.1728, 0.2568, 0.2698

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.5610, 0.2752, 0.2705



74.5610, 0.3750, 0.3816



74.5610, 0.2459, 0.2945

Square

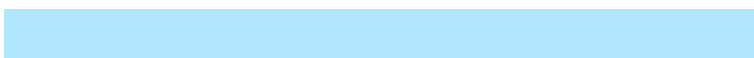
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5610, 0.3750, 0.3816



74.5610, 0.2796, 0.3602



74.5610, 0.2530, 0.2753



74.5610, 0.3449, 0.3001

Rectangle

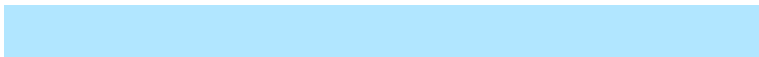
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5610, 0.3750, 0.3816



74.5610, 0.3256, 0.3907



74.5610, 0.2530, 0.2753



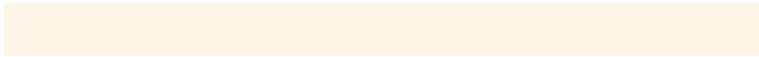
74.5610, 0.2966, 0.2752

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



74.5644, 0.3750, 0.3816



92.0245, 0.3288, 0.3438



53.4155, 0.3592, 0.2919



19.4668, 0.3312, 0.3460



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

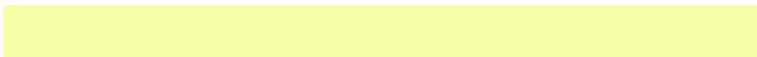
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.5644, 0.3750, 0.3816



70.7994, 0.3908, 0.3928



93.4579, 0.3590, 0.4152



19.7788, 0.3279, 0.3431



23.0205, 0.5139, 0.4301



2.4562, 0.5002, 0.4411

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.1728, 0.2568, 0.2698



51.8774, 0.2444, 0.2547



44.2785, 0.2562, 0.2287



18.5909, 0.2979, 0.3145



9.1925, 0.1689, 0.1278



1.1031, 0.1750, 0.1501

Previews

White Background



This preview shows how the Yxy color 74.5610, 0.3750, 0.3816 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.5610, 0.3750, 0.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

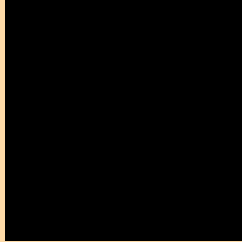
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5610, 0.3750, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 74.5610, 0.3750, 0.3816.



This preview shows how white text looks on a background with the Yxy color 74.5610, 0.3750, 0.3816.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.5610, 0.3750, 0.3816

Protanopia

74.7389, 0.3612, 0.3865

Deuteranopia

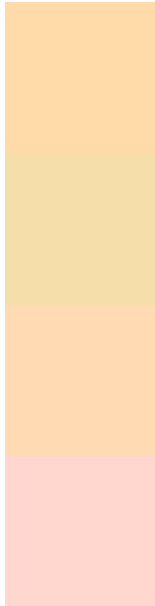
74.3464, 0.3647, 0.3630



Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



Original Color

74.5610, 0.3750, 0.3816

Protanomaly

74.5196, 0.3663, 0.3848

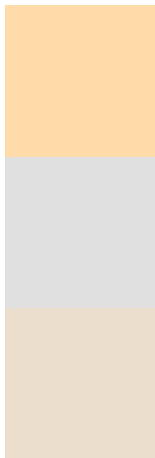
Deuteranomaly

74.6172, 0.3688, 0.3702

Tritanomaly

74.3171, 0.3490, 0.3383

Monochromacy



Original Color

74.5610, 0.3750, 0.3816

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2644, 0.3343, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5610, 0.3750, 0.3816 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 219, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 168)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 219, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 168) }
```

Border

The CSS property to change the border of an element to Yxy 74.5610, 0.3750, 0.3816 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 219, 168) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 219, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 219, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5610, 0.3750, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
219, 168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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